STUDENT AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Information			
Module Title	Systems Development Group Project		
Module Code	UFCF7S-30-2	Level	Level 5
For implementation from	2021-22		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Contributes towards	Computer Science BSc (Hons) 2020-21		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
The aim of this module is to provide students with the ability to work as part of a cross functional team assuming an active role in completing a real world problem based project. Students will be introduced to the concept of working as members of a systems development team and will be expected to abide by professional code of conduct and observe ethical considerations in their practice. Students will also learn to adhere to procedures that will support the safety of the systems that they develop and to design systems ensuring that their products will support the users' compatibility with the relevant data protection legislation. **Educational Aims:** The module aims to strengthen students' holistic development skills and their professional outlook in terms of entering a placement year or progressing and completing a comprehensive individual project in their final year of studies. **Outline Syllabus:** Indicative Content: Requirements Specification Project Planning

Group work and responsibilities management
Risk assessment
Design for Testing
Implementation & review
Professional conduct
Legal Issues in Systems Development and information management

Teaching and Learning Methods: The module will operate as a series of workshops where consistency in attendance and continuous monitoring of the work will be instrumental to the progress of learning and the completion of the work. Module tutors will act as consultants to the project teams.
Formal lectures will be limited to the start of each session to allow for emphasis and clarification on material that will be preloaded on the VLE pages of the module, which students will be expected to explore prior to sessions in self-learning mode.
Support will be invited by the Library Service to help building research skills, by running one of the sessions. These will support work for this module, will prepare students for the final year project work, and will prepare those students that will be opting for a placement year in industry.

Part 3: Assessment

The assessment for the module will comprise both formative and summative assessment.
Formative assessment will be in the form of regular meetings with the team consultants (module tutors as well as visiting professionals).
Summative assessment will be in the form of group and individual assessment, comprising software demonstration, group project documentation, individual essay and presentation in the form of short video.
Resit will comprise individual students reworking part of the project that they have failed and reflecting on previous work issues that they have addressed and improved upon for the revised project

First Sit Components	Final Assessment	Element weighting	Description
Written Assignment - Component B	✓	20 %	Individual essay (1000 words) - reflective evaluation of the work, or a 2 minutes video presentation of the reflective evaluation
Practical Skills Assessment - Component A		30 %	Project Demonstration & Evaluation (Group) - in class
Group work - Component A		50 %	Design Group Report & Documentation / 8000 words (5 students maximum)
Resit Components	Final Assessment	Element weighting	Description
Written Assignment - Component B		20 %	Individual essay (1000 words) - reflective evaluation of the work, or a 2 minutes video presentation of the reflective evaluation
Report - Component A	✓	50 %	Repair the previously submitted group work explaining the impact of your individual actions in improving the work - 2000 words
Poster - Component A		30 %	The student will individually present the outcome of the repaired project and highlight the achieved outcome with a collection of screen shots, diagrams and text in a well presented poster. Poster size A1 maximum - one poster.

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Part 4: Teaching and Learning Methods	
Learning Outcomes	On successful completion of this module students will be able to:

	Module Learning Outcomes
MO1	Effectively respond to the requirements of a real world project, formally specify and validate them (assessed in Component A)
MO2	Design and plan for testing of a product that will address the project's requirements efficiently and effectively (A)
MO3	Conduct themselves in a professional manner and work effectively as a member of a project team (assessed in components A & B)
MO4	Develop a working knowledge of the challenges of safety in systems development projects and apply this in their work practice (assessed in component A)
MO5	Demonstrate awareness of ethical and legal issues in building systems that will be using and processing personal and corporate data (assessed in component A & B).
MO6	Contribute to the effective management and completion of a project (assessed in Components A & B)

Contact Hours	**Contact Hours**	
	Independent Study Hours:	
	Independent study/self-guided study	228
	Total Independent Study Hours:	228
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	72
	Total Scheduled Learning and Teaching Hours:	72
	Hours to be allocated	300
	Allocated Hours	300

Reading List	*The reading list for this module can be accessed via the following link:* https://rl.talis.com/3/uwe/lists/E970464A-8F4A-75B1-1931-8354CA943E4D.html?lang=en-GB&login=1